

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 5/1/2013

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TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO. No				
CCO#: 309	SUPPLEMENT#: 0	Category Code: CJSA	CONTINGENCY BALANCE (incl. this change) \$84,710,758.04	
COST: \$369,280.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Epoxy AC Production Trial			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Performing revised epoxy asphalt concrete production trial with additional testing, revised paving thickness, additional steel plates, additional leveling course, and increased paving pass dimensions.

Special Provisions Section 10-1.40 "Epoxy Asphalt Concrete Surfacing," subsection "Materials," is revised.

Special Provisions Section 10-1.40 "Epoxy Asphalt Concrete Surfacing" requires the Contractor to perform a paving mockup to demonstrate their production operations. The size of this mockup is a minimum of 3.65 m wide by 50 m long and is to be performed in two 25 mm thick passes. This mockup will not only demonstrate the Contractor's ability to place and compact the material but also to construct longitudinal and transverse construction joints.

However in discussions with the Contractor, the Department has determined that a larger expanded mockup will be required to more closely simulate the work in the field. The size of the expanded mockup will be 7.3 m wide by 101 m long. Under Contract Change Orders 310 and 311 revised plan sheets have been issued to address conform transitions required at the Skyway (Hinge A) and YBITS (Hinge K) structures. This expanded mockup will include profile transition changes to simulate these conforms. Steel plates will also be added, flush with the surface of the leveling course, in order to simulate the bond of the epoxy asphalt concrete to the OBG steel deck. The steel plates will be welded together to prevent the plates from separating during the rolling operation.

Due to the uneven conditions of the Department selected test site, a leveling course will be added to mimic the existing profile of the Orthotropic Box Girder (OBG) steel deck surface.

A credit based on the Contractor's paving subcontract will be provided for the epoxy asphalt concrete production trial required by the original contract. A review of the paving subcontract shows that the original production trial was included in Bid Items 30-33 at unit costs. The expanded mockup (approximately 300% increase in area) coupled with the transition requirements at Hinge A and Hinge K, the added steel plates and added leveling course on the Department selected site has significantly changed the work included in the original paving subcontract.

This change order resolves the costs associated with Contractor Request for Information (RFI) number 3193R1 with respect to changes listed above.

The total cost of this change order is \$400,000.00 extra work at force account and (\$30,720.00) lump sum credit for a total of \$369,280.00, which can be financed from the contingency fund. A detailed cost analysis is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

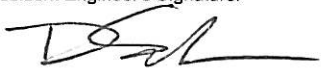
This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), and Jing Chen (District Design).

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 4/16/13	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 4/26/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 4/29/13	FORCE ACCOUNT	\$400,000.00	\$400,000.00
Project Manager:		Date	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	(\$30,720.00)	(\$30,720.00)
Environmental:		Date	TOTAL	\$369,280.00	\$369,280.00
Other (specify):	HQ, Rich Foley	Date 4/17/13	FEDERAL PARTICIPATION		
Other (specify):		Date	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE PERCENT		
			<div>5/6/13</div>		